LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051671.D
Acq On : 01 Nov 2022 23:11
Operator : JC/MD
Sample : N5319-07DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Title : TRACE VOA SFAM1.0

Signal : TIC: VU051671.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	1.472	31	41	53	rBV	51761	102973	3.07%	0.626%
2	1.597	73	80	90	rBV	112439	129313	3.85%	0.786%
3	1.913	169	178	194	rVB	93406	132343	3.94%	0.804%
4	2.376	312	322	333	rVB	135248	200637	5.98%	1.219%
5	2.565	368	381	396	rBV	177886	287027	8.55%	1.744%
6	3.183	559	573	588	rBV	23717	51897	1.55%	0.315%
7	3.867	760	786	806	rVB	11100	48343	1.44%	0.294%
8	3.990	806	824	848	rBV2	142152	372664	11.10%	2.264%
9	4.530	975	992	1008	rBV3	48448	117207	3.49%	0.712%
10	4.620	1008	1020	1042	rBV	144630	353468	10.53%	2.148%
11	5.060	1141	1157	1184	rBV	169671	397631	11.84%	2.416%
12	5.388	1243	1259	1272	rBV3	15128	34710	1.03%	0.211%
13	5.723	1343	1363	1368	rBV2	329147	759819	22.63%	4.616%
14	5.771	1369	1378	1419	rVB	1636131	3357047	100.00%	20.396%
15	6.247	1513	1526	1545	rBV	248970	480351	14.31%	2.918%
16	6.690	1650	1664	1677	rBV	201411	395056	11.77%	2.400%
17	6.761	1678	1686	1699	rVB4	18486	36904	1.10%	0.224%
18	7.565	1923	1936	1958	rBV	90059	158961	4.74%	0.966%
19	7.896	2018	2039	2053	rBV	364523	641418	19.11%	3.897%
20	7.967	2054	2061	2075	rVB	27377	49914	1.49%	0.303%
21	8.179	2113	2127	2141	rBV	53380	90509	2.70%	0.550%
22	8.632	2255	2268	2302	rBV	431895	809091	24.10%	4.916%
23	9.443	2499	2520	2548	rBV2	1251753	2663254	79.33%	16.181%
24	9.568	2548	2559	2582	rVB	151969	267920	7.98%	1.628%
25	9.690	2583	2597	2612	rBV	841370	1361189	40.55%	8.270%
26	10.099	2711	2724	2746	rBV	271510	442120	13.17%	2.686%
27	10.481	2830	2843	2856	rBV	110784	179183	5.34%	1.089%
28	10.755	2909	2928	2941	rBV	172077	289192	8.61%	1.757%
29	10.902	2959	2974	2989	rBV	71712	140500	4.19%	0.854%
30	10.993	2990	3002	3010	rBV4	51764	102525	3.05%	0.623%
31	11.089	3023	3032	3045	rVB2	25891	44489	1.33%	0.270%
32	11.292	3083	3095	3111	rBV	61149	98078	2.92%	0.596%
33	11.465	3140	3149	3166	rVB	92964	146507	4.36%	0.890%
34	11.809	3243	3256	3272	rBV	378633	648860	19.33%	3.942%
35	11.890	3272	3281	3293	rVB	72425	118714	3.54%	0.721%
36	12.095	3328	3345	3362	rVB3	103678	176399	5.25%	1.072%

LSC Area Percent Report

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051671.D
Acq On : 01 Nov 2022 23:11
Operator : JC/MD
Sample : N5319-07DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Title : TRACE VOA SFAM1.0

37	12.192	3362	3375	3398	rBV	385938	661649	19.71%	4.020%
38	12.478	3451	3464	3473	rBV4	19475	40095	1.19%	0.244%
39	12.571	3483	3493	3503	rBV2	22262	34304	1.02%	0.208%
40	12.861	3577	3583	3599	rVB5	20883	36954	1.10%	0.225%

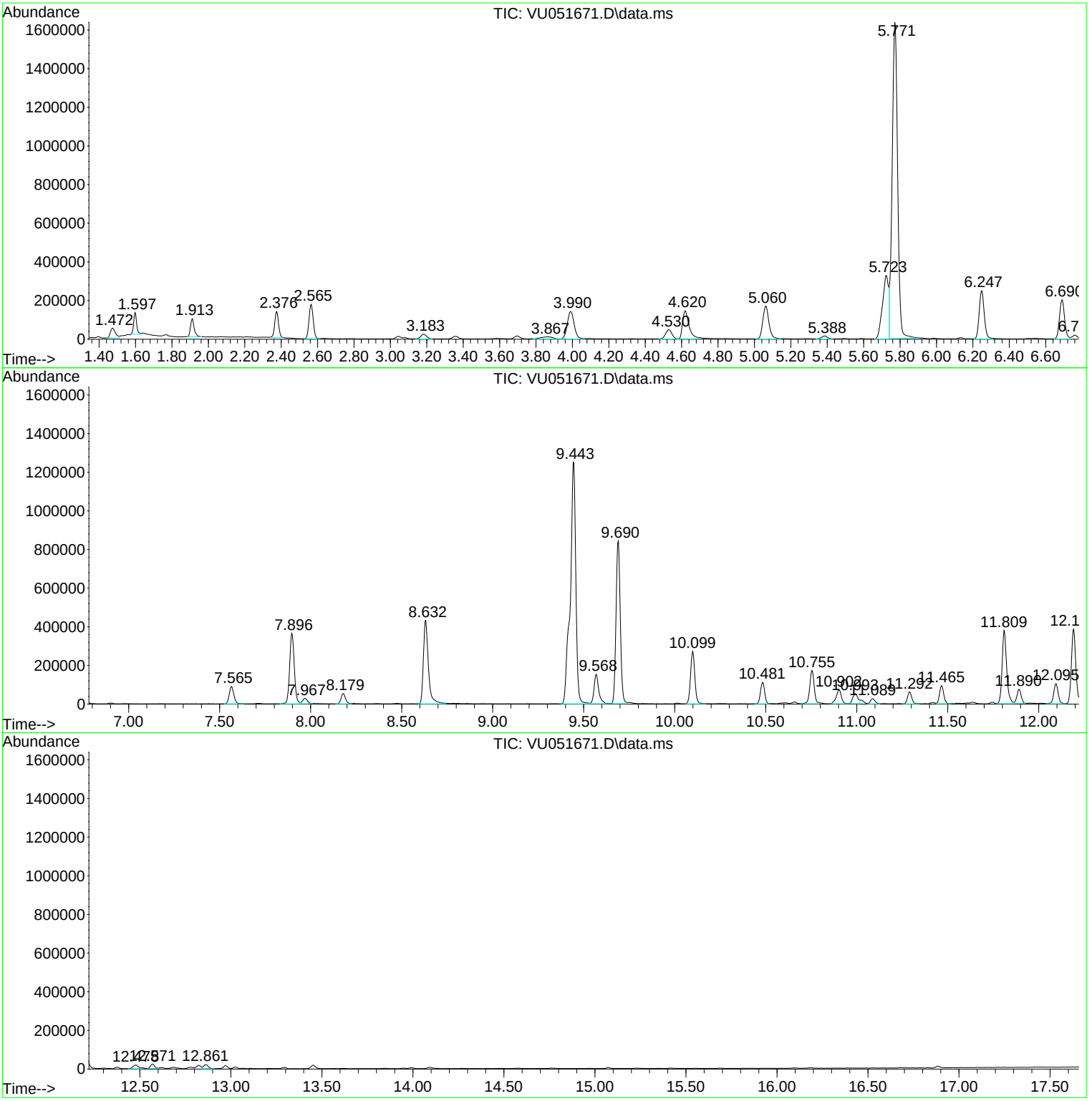
Sum of corrected areas: 16459215

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051671.D
Acq On : 01 Nov 2022 23:11
Operator : JC/MD
Sample : N5319-07DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051671.D
Acq On : 01 Nov 2022 23:11
Operator : JC/MD
Sample : N5319-07DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

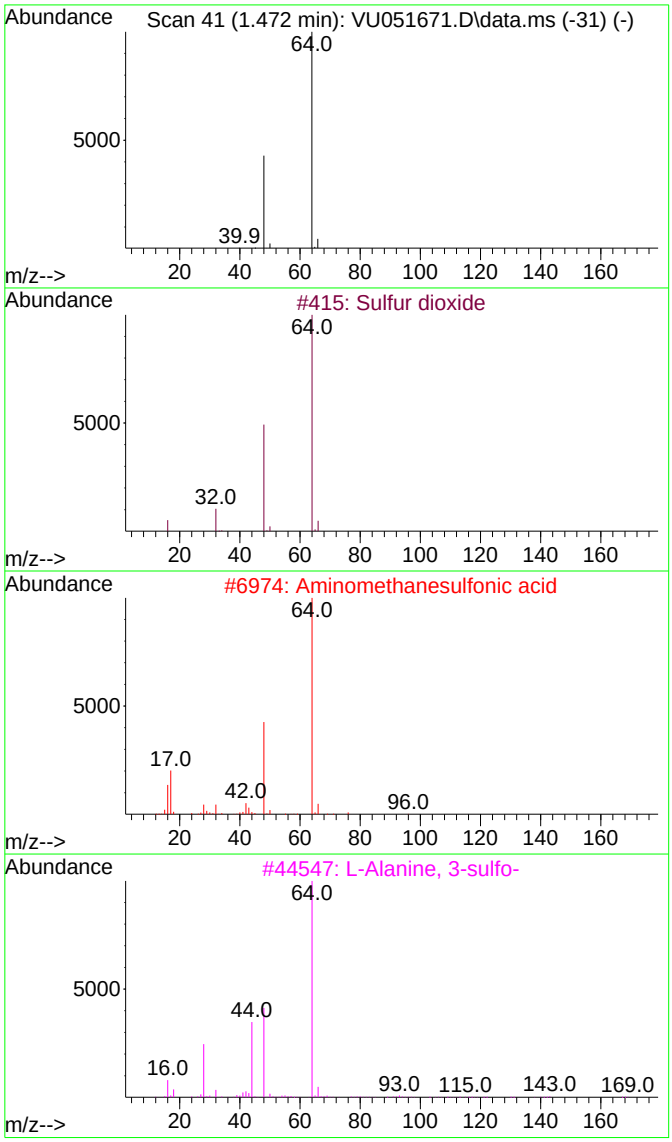
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

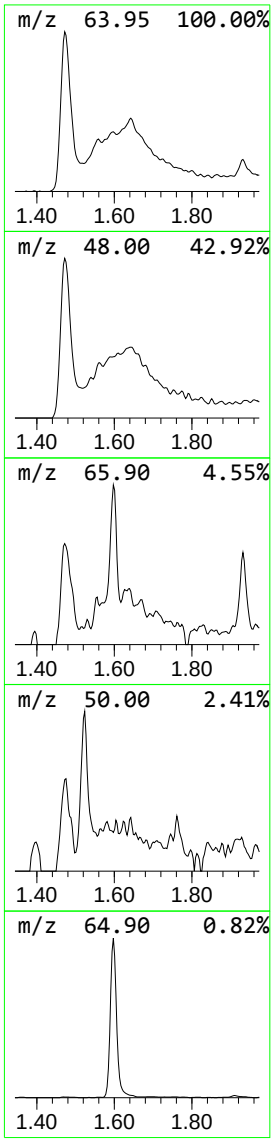
****

Peak Number 1 Sulfur dioxide Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.472	1.07 ug/L	102973	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfur dioxide	64	O2S	007446-09-5	83
2	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	74
3	L-Alanine, 3-sulfo-	169	C3H7NO5S	000498-40-8	9
4	Aminomethanesulfonic acid	111	CH5NO3S	013881-91-9	9
5	Sulfur dioxide	64	O2S	007446-09-5	5





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051671.D
Acq On : 01 Nov 2022 23:11
Operator : JC/MD
Sample : N5319-07DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

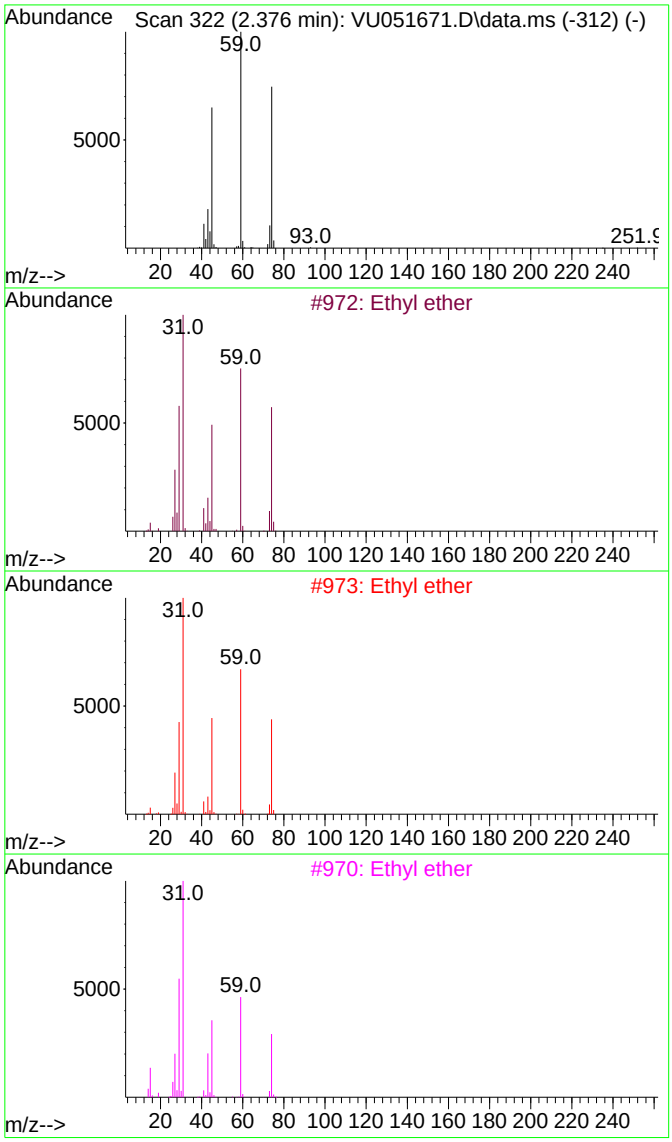
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

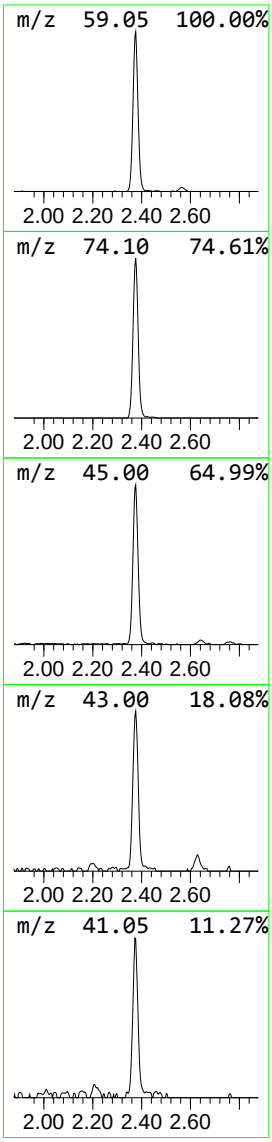
****

Peak Number 2 Ethyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.376	2.09 ug/L	200637	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl ether	74	C4H10O	000060-29-7	90
2	Ethyl ether	74	C4H10O	000060-29-7	90
3	Ethyl ether	74	C4H10O	000060-29-7	90
4	Ethyl ether	74	C4H10O	000060-29-7	72
5	Ethane, 1,2-diethoxy-	118	C6H14O2	000629-14-1	72





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051671.D
Acq On : 01 Nov 2022 23:11
Operator : JC/MD
Sample : N5319-07DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

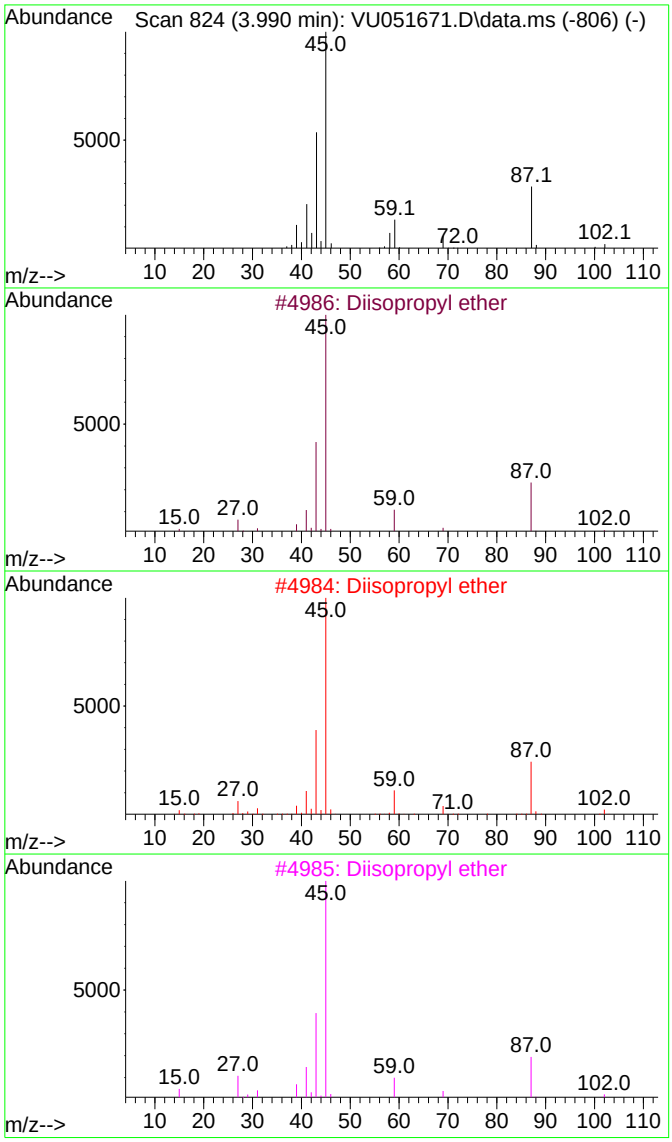
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

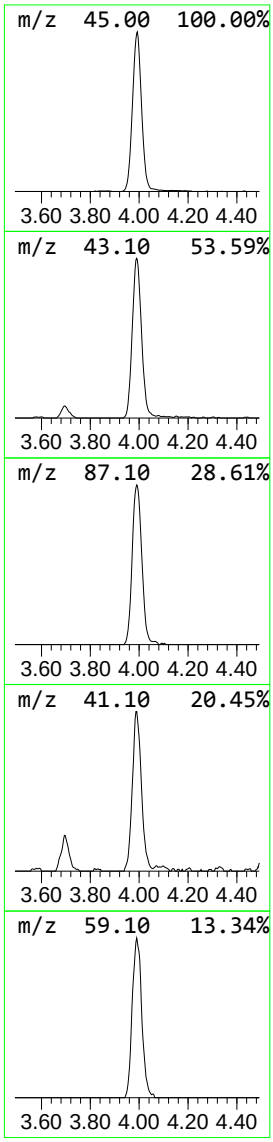
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Diisopropyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.990	3.88 ug/L	372664	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Diisopropyl ether	102	C6H14O	000108-20-3	86
2	Diisopropyl ether	102	C6H14O	000108-20-3	86
3	Diisopropyl ether	102	C6H14O	000108-20-3	78
4	1-Propanol, 2-(1-methylethoxy)-	118	C6H14O2	003944-37-4	78
5	Diisopropyl ether	102	C6H14O	000108-20-3	78





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051671.D
Acq On : 01 Nov 2022 23:11
Operator : JC/MD
Sample : N5319-07DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

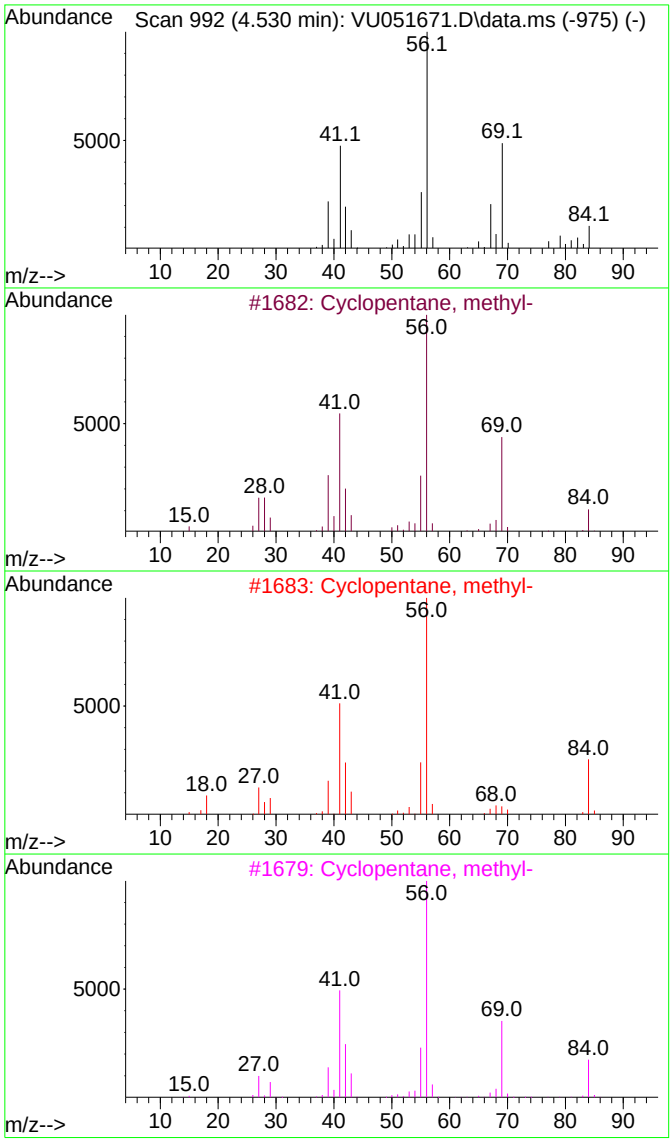
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

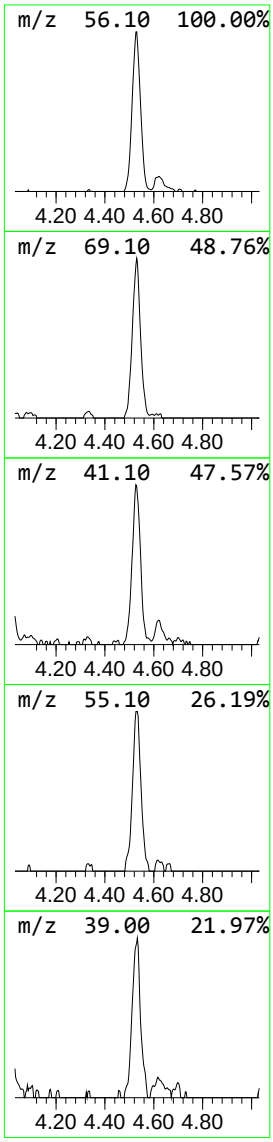
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 (DEL) Alkane: Cyclic4.530 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.530	1.22 ug/L	117207	1,4-Difluorobenzene	6.250

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	76
2	Cyclopentane, methyl-	84	C6H12	000096-37-7	58
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	53
5	1H-Tetrazole, 5-methyl-	84	C2H4N4	004076-36-2	50





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051671.D
Acq On : 01 Nov 2022 23:11
Operator : JC/MD
Sample : N5319-07DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

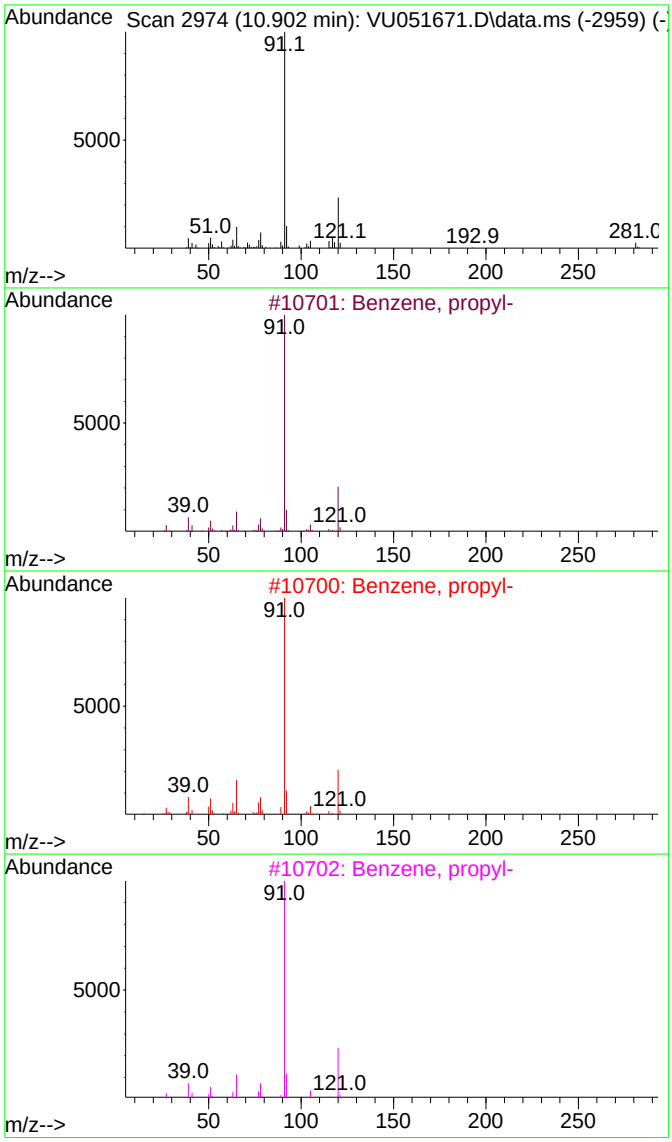
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

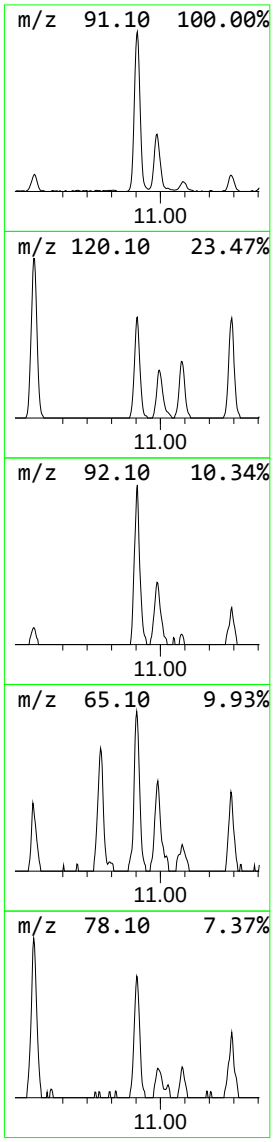
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzene, propyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.903	1.08 ug/L	140500	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	76
2	Benzene, propyl-	120	C9H12	000103-65-1	76
3	Benzene, propyl-	120	C9H12	000103-65-1	76
4	Benzene, propyl-	120	C9H12	000103-65-1	68
5	N,N-Dibenzylethylenediamine diac...	324	C20H24N2O2	000122-75-8	64





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051671.D
Acq On : 01 Nov 2022 23:11
Operator : JC/MD
Sample : N5319-07DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

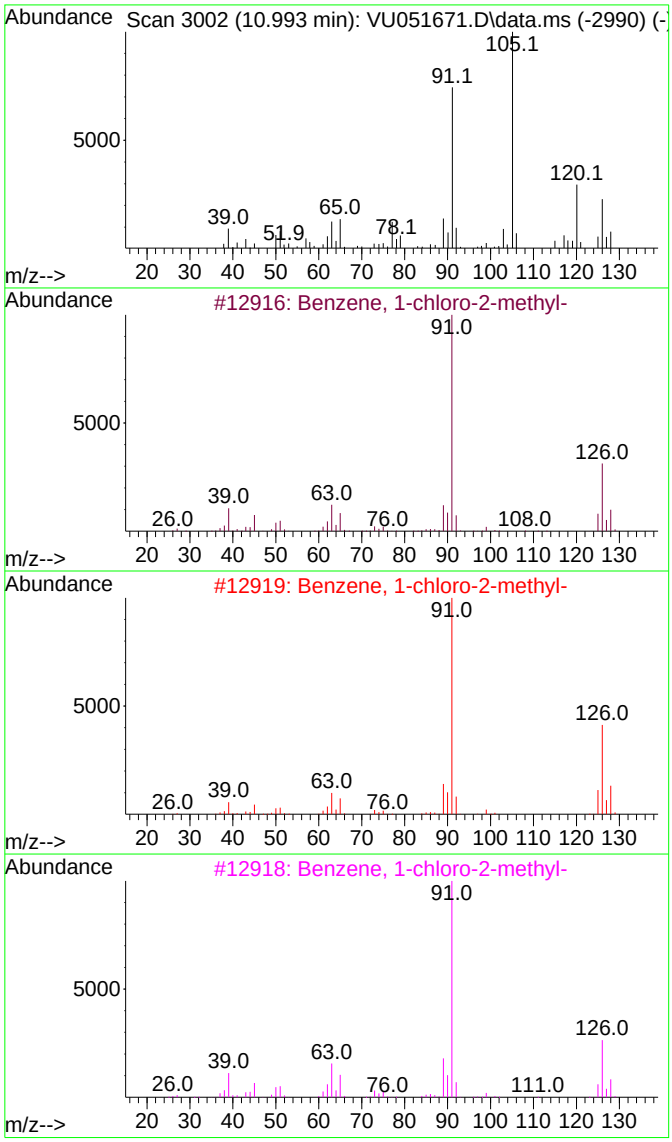
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

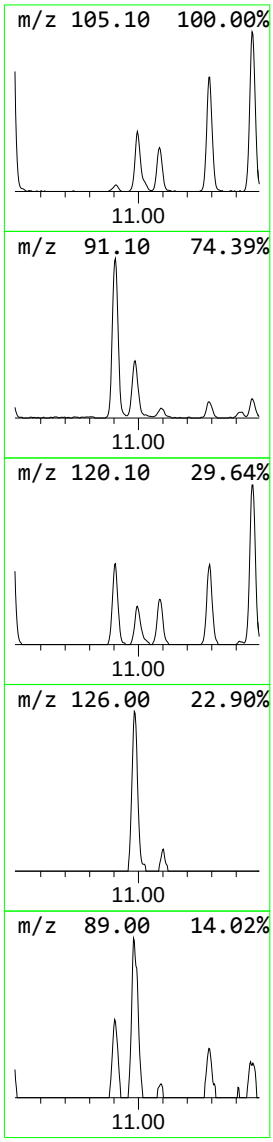
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzene, 1-chloro-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.993	0.79 ug/L	102525	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	91
2	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	90
3	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	90
4	Benzene, 1-chloro-2-methyl-	126	C7H7Cl	000095-49-8	60
5	Benzene, 1-chloro-3-methyl-	126	C7H7Cl	000108-41-8	60





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051671.D
Acq On : 01 Nov 2022 23:11
Operator : JC/MD
Sample : N5319-07DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

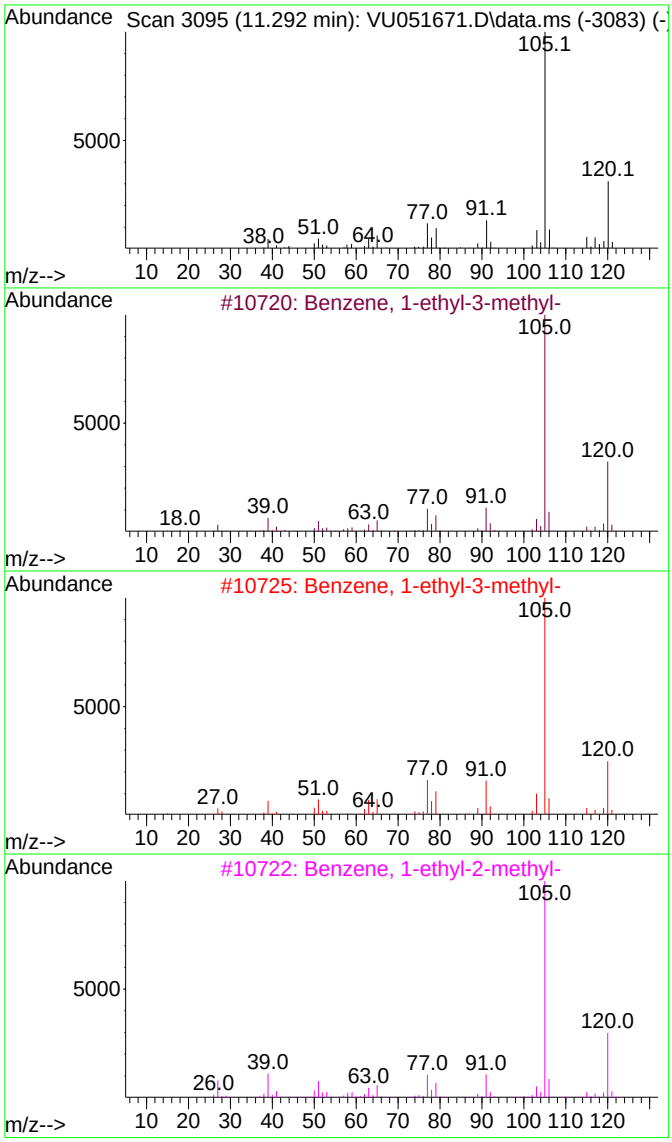
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

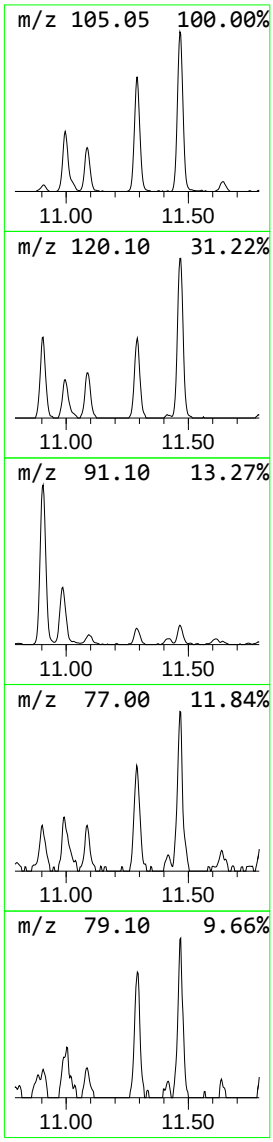
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.291	0.76 ug/L	98078	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051671.D
Acq On : 01 Nov 2022 23:11
Operator : JC/MD
Sample : N5319-07DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

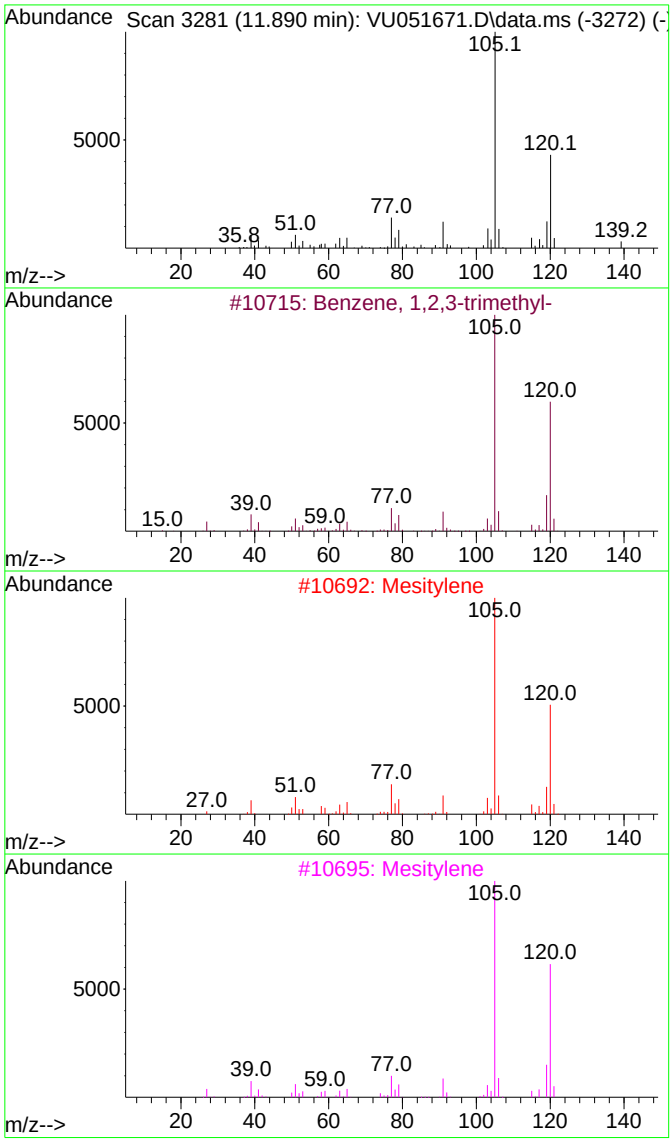
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

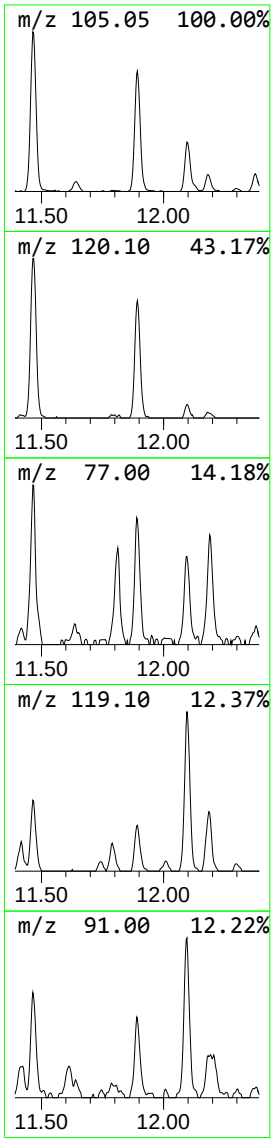
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.890	0.91 ug/L	118714	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Mesitylene	120	C9H12	000108-67-8	97
3	Mesitylene	120	C9H12	000108-67-8	94
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051671.D
Acq On : 01 Nov 2022 23:11
Operator : JC/MD
Sample : N5319-07DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

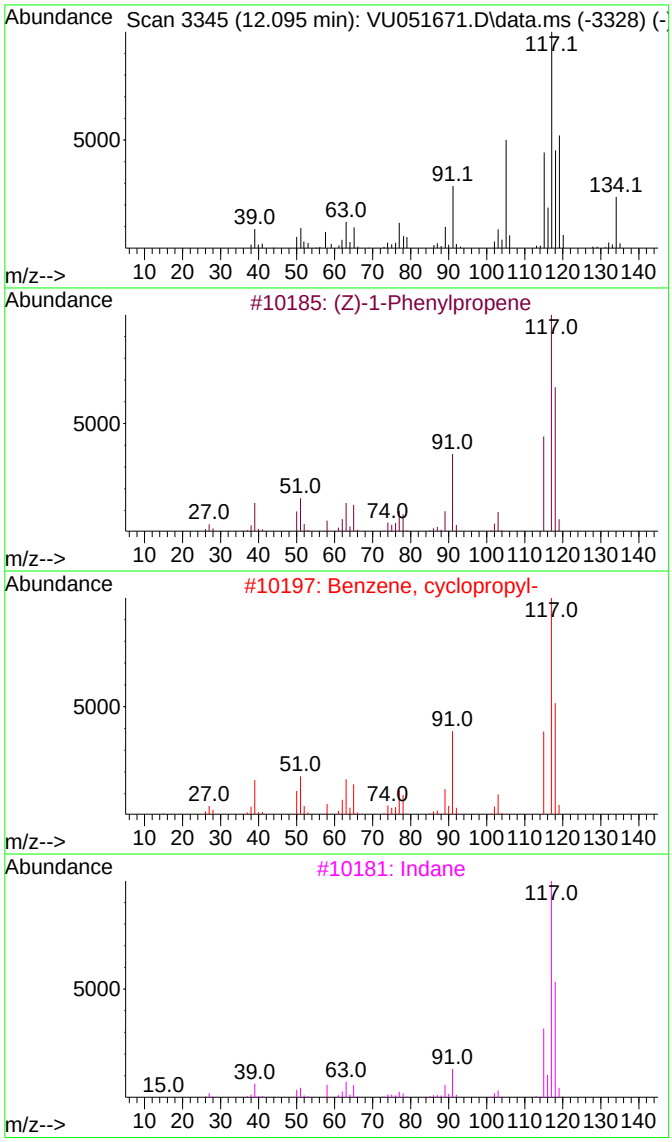
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

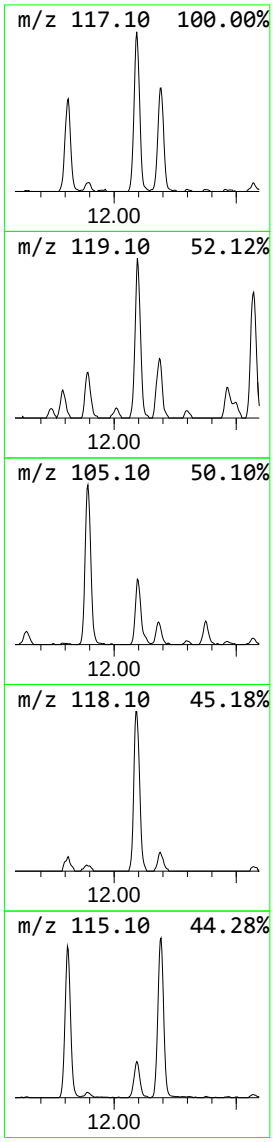
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (Z)-1-Phenylpropene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.095	1.36 ug/L	176399	1,4-Dichlorobenzene-d4	11.809

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(Z)-1-Phenylpropene	118	C9H10	000766-90-5	70
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	50
3	Indane	118	C9H10	000496-11-7	49
4	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	46
5	Deltacyclene	118	C9H10	007785-10-6	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU110122\
Data File : VU051671.D
Acq On : 01 Nov 2022 23:11
Operator : JC/MD
Sample : N5319-07DL 25X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BHAA0DL

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR102822WMA.M
Quant Title : TRACE VOA SFAM1.0

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Sulfur dioxide	1.472	1.1	ug/L	102973	1	6.250	480351	5.0
Ethyl ether	2.376	2.1	ug/L	200637	1	6.250	480351	5.0
Diisopropyl ether	3.990	3.9	ug/L	372664	1	6.250	480351	5.0
(DEL) Alkane: C...	4.530	1.2	ug/L	117207	1	6.250	480351	5.0
Benzene, propyl-	10.903	1.1	ug/L	140500	3	11.809	648860	5.0
Benzene, 1-chlo...	10.993	0.8	ug/L	102525	3	11.809	648860	5.0
Benzene, 1-ethy...	11.291	0.8	ug/L	98078	3	11.809	648860	5.0
Benzene, 1,2,3-...	11.890	0.9	ug/L	118714	3	11.809	648860	5.0
(Z)-1-Phenylpro...	12.095	1.4	ug/L	176399	3	11.809	648860	5.0